Listing of Claims

Please cancel claims 12, 15-17, 19, 21, 23, 27, 30-32, 34, 36-38, 40, 42, 44 and 54-69 without prejudice, and add new claims 70 - 103. This listing of claims will replace all prior versions and listings of claims in the application.

1.-69. (Cancelled)

- 70. (New) A recombinant fusion polypeptide, comprising a multivalent immunogenic portion fused to an immunogenic polypeptide carboxy-terminal to the multivalent immunogenic portion, which protects the immunogenicity of the multivalent immunogenic portion, wherein the multivalent immunogenic portion comprises at least two immunogenic amino-terminal polypeptides of Group A streptococcal M protein from at least two different streptococcal serotypes, wherein each of the immunogenic amino-terminal polypeptides is at least 10 amino acids in length, and wherein the immunogenic polypeptide carboxy-terminal to the multivalent immunogenic portion is a reiteration of the immunogenic amino-terminal polypeptide from the amino terminus of the multivalent immunogenic portion.
- 71. (New) The fusion polypeptide according to claim 70 wherein at least one of the immunogenic amino-terminal polypeptides is from a Group A streptococcal serotype selected from the group consisting of 1, 2, 3, 4, 5, 6, 11, 12, 13, 14, 18, 19, 22, 24, 28, 30, 48, 49, 52, and 56.
- 72. (New) The fusion polypeptide according to claim 70 wherein the multivalent immunogenic portion consists of six immunogenic amino-terminal polypeptides of Group A streptococcal M protein from six different streptococcal serotypes.
- 73. (New) The fusion polypeptide according to claim 72 wherein the six different Group A streptococcal serotypes are 1, 3, 5, 6, 19, and 24.

- 74. (New) The fusion polypeptide according to claim 70 wherein the multivalent immunogenic portion consists of ten immunogenic amino-terminal polypeptides of Group A streptococcal M protein from ten different streptococcal serotypes.
- 75. (New) fusion polypeptide according to claim 74 wherein the ten different Group A streptococcal serotypes are 1, 3, 5, 6, 18, 19, 22, 24, 28, and 30.
- 76. (New) The fusion polypeptide according to any one of claims 70-72 wherein at least one of the immunogenic amino-terminal polypeptides is from a Group A streptococcal serotype 11.
- 77. (New) The fusion polypeptide according to any one of claims 70-72 wherein at least one of the immunogenic amino-terminal polypeptides is from a Group A streptococcal serotype 13.
- 78. (New) The fusion polypeptide according to any one of claims 70-72 wherein at least one of the immunogenic amino-terminal polypeptides is from a Group A streptococcal serotype 22.
- 79. (New) The fusion polypeptide according to any one of claims 70-72 wherein at least one of the immunogenic amino-terminal polypeptides is from a Group A streptococcal serotype 28.
- 80. (New) The fusion polypeptide according to any one of claims 70-72 wherein the fusion polypeptide is capable of eliciting an immune response against Group A streptococci comprising opsonic antibodies that do not cross-react with human tissue.
- 81. (New) The fusion polypeptide according to claim 70 wherein the recombinant fusion polypeptide further comprises a marker.

- 82. (New) The fusion polypeptide according to claim 81 wherein the marker is a 6xHis-tag.
- 83. (New) The fusion polypeptide according to claim 81 wherein the marker is capable of binding a nickel resin.
- 84. (New) The fusion polypeptide according to any one of claims 70-72 wherein the immunogenic polypeptides of the fusion polypeptide are joined by amino acids specified by a restriction enzyme site.
- 85. (New) A composition for promoting an immune response against Group A streptococci, comprising a recombinant fusion polypeptide of claim 70 and a pharmaceutically acceptable excipient or diluent.
- 86. (New) The composition according to claim 85, further comprising an adjuvant.
- 87. (New) The composition according to claim 86 wherein the adjuvant is alum or Freund's adjuvant.
- 88. (New) The composition according to any one of claims 85-87, further comprising an immunomodulatory cofactor.
- 89. (New) The composition according to claim 88 wherein the immunomodulatory cofactor is selected from the group consisting of IL-4, IL-10, γ -IFN, IL-2, IL-12, and IL-15.
- 90. (New) The composition according to any one of claims 85-87 wherein at least one of the immunogenic polypeptides is from a Group A streptococcal serotype selected

from the group consisting of 1, 2, 3, 4, 5, 6, 11, 12, 13, 14, 18, 19, 22, 24, 28, 30, 48, 49, 52, and 56.

- 91. (New) The composition according to any one of claims 85-87 wherein the immunogenic portion consists of six immunogenic amino-terminal polypeptides of Group A streptococcal M protein from six different streptococcal serotypes.
- 92. (New) The composition according to claim 91 wherein the six different Group A streptococcal serotypes are 1, 3, 5, 6, 19, and 24.
- 93. (New) The composition according to any one of claims 85-87 wherein the multivalent immunogenic portion consists of ten immunogenic amino-terminal polypeptides of Group A streptococcal M protein from ten different streptococcal serotypes.
- 94. (New) The composition according to claim 93 wherein the ten different Group A streptococcal serotypes are 1, 3, 5, 6, 18, 19, 22, 24, 28, and 30.
- 95. (New) The composition according to any one of claims 85-87 wherein at least one of the immunogenic polypeptides is from a Group A streptococcal serotype 11.
- 96. (New) The composition according to any one of claims 85-87 wherein at least one of the immunogenic polypeptides is from a Group A streptococcal serotype 13.
- 97. (New) The composition according to any one of claims 85-87 wherein at least one of the immunogenic polypeptides is from a Group A streptococcal serotype 22.
- 98. (New) The composition according to any one of claims 85-87 wherein at least one of the immunogenic polypeptides is from a Group A streptococcal serotype 28.

- 99. (New) The composition according to any one of claims 85-87 wherein the fusion polypeptide is capable of eliciting an immune response against Group A streptococci comprising opsonic antibodies that do not cross-react with human tissue.
- 100. (New) The composition according to claim 85 wherein the recombinant fusion polypeptide further comprises a marker.
- 101. (New) The composition according to claim 100 wherein the marker is a 6xHis-tag.
- 102. (New) The composition according to claim 100 wherein the marker is capable of binding a nickel resin.
- 103. (New) The composition according to claim 85 wherein the immunogenic polypeptides are joined by amino acids encoded by a restriction enzyme site.